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*Wolff Law Offices, PLLC*

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# Fax

**To:** USPTO **From:** Kevin Alan Wolff  
**Fax:** 571-273-8300 **Pages:** 42 (including cover sheet)  
**Phone:** 571-272-3600 **Date:** 2/20/2007  
**Re:** Ser No. 10/657,189 - Response & Amend **CC:**

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

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• **Comments:**

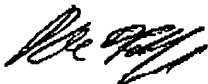
Dear Examiner Tran:

Please find a Response and Amendment to your recent Office Action dated mailed 11/20/06 in the above-identified patent application. Please call me if you have any problems or concerns. Enclosed are:

1. Filing Record
2. Transmittal Form
3. Amendment and Response

Sincerely,

Kevin Wolff



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**WOLFF LAW OFFICES, PLLC - FILING RECORD**

**FEB 20 2007**

Attorney Docket No.: Legare-PAUS0003  
Today's Date: February 20, 2007  
Attorney: Kevin A. Wolff  
Fee Transmitted Herewith: \$0  
Serial No.: 10/657,189  
Filing Date: September 9, 2003  
Title: CONTROL METHODS FOR IMPROVED CATALYTIC  
CONVERTER EFFICIENCY AND DIAGNOSIS  
Inventors: Joseph E. Legare

**THE TRANSMISSION HEREOF ACKNOWLEDGES RECEIPT OF:**

**DOCUMENTS BEING FILED:**

- 1) Transmittal Form
- 2) Response and Amendment (to the Office Action dated 11/20/2006)

FEB 20 2007

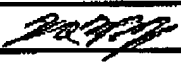
PTO/SB/21 (09-04)

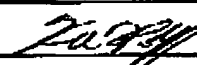
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<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/857,189	
	Filing Date	September 8, 2003	
	First Named Inventor	Joseph E. Legare	
	Art Unit	3748	
	Examiner Name	Diam Tran	
Total Number of Pages in This Submission	42	Attorney Docket Number	Legare-PAUS0003

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): Filing Record
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Wolff Law Offices, PLLC, 209 Providence Rd., Chapel Hill, NC 27514 Ph. 919-419-8562		
Signature	/Kevin Alan Wolff 		
Printed name	Kevin Alan Wolff		
Date	2/20/2007	Reg. No.	42,233

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	/Kevin Alan Wolff 		Date
Typed or printed name	Kevin Alan Wolff	Date	2/20/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Response and Amendment

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Appl. Ser. No. 10/657,189  
Patent Application

**FEB 20 2007**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of: Joseph E. Legare

Filing Date: September 9, 2003

Serial Number: 10/657,189

Group Art Unit: 3748

For: CONTROL METHODS  
FOR IMPROVED CATALYTIC  
CONVERTER EFFICIENCY AND  
DIAGNOSIS

Examiner: Diem Tran

**RESPONSE AND AMENDMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Office Action dated November 20, 2006, Applicant submits the following: